(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 7 July 2005 (07.07.2005)

PCT

(10) International Publication Number WO 2005/061649 A1

(51) International Patent Classification7: F16J 15/00, C08K 3/30

C09K 3/10,

(74) Agent: HOPKINS, Donald, Leslie; C/- Don Hopkins & Associates, Unit 2, Northcots Office Park, 145-147 Queen Street, Palmerston North (NZ).

(21) International Application Number: PCT/NZ2004/000326

(22) International Filing Date:

21 December 2004 (21.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

24 December 2003 (24.12.2003)

NZ 530374 (71) Applicants (for all designated States except US): JAMES

WALKER NEW ZEALAND LIMITED [NZ/NZ]; Unit B, 43 Lady Ruby Drive, East Tamaki, Auckland (NZ). FONTERRA CO-OPERATIVE GROUP LIMITED [NZ/NZ]; Building 103, Leonard Isitt Drive, Auckland Airport, Auckland (NZ).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, YN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KB, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NB, SN, TD, TG).

Published:

Alryort, Auckland (NZ).

(72) Inventors; and

(75) Inventors/Applicants (for US only): EXTANCE, David,
John [NZ/NZ]: 9a Reynolds Place, Torbay, Auckland
(NZ). BARCLAY, Alistair, Bruce [NZ/NZ]; 15 Quin
Crescent, Hawera (NZ).

(84) Title: RESILIENT COMPOUND FOR SEALING DEVICE COMPRISING DETECTABLE MATERIAL SUCH AS BARIUM SULLFATE

(57) Abstract: A resilient compound for use in forming a seal, particularly a seal for use in food manufacturing/processing plants.

The sealing compound includes a detectable material is preferably of a type, which can be detected by x-rays, metal detection The sealing compound includes a detectable material dispersed therethrough, such as barium sulfate. A seal can be made in whole or in part from the resilient compound. The detectable material is preferably of a type, which can be detected by x-rays, metal detection or other detection means.